Species	Abundances in AD Compared to No Dementia	Related Conditions	Abundances in Disease Related Conditions	References
Butyrate Producing Sp	ecies		l	
Anaerostipes hadrus	decreased			1
Butyrivibrio hungatei	decreased			2
Butyrivibrio	decreased			2
proteoclasticus				
Cloacibacillus porcorum	decreased			3,4
Clostridium sp SY8519	decreased			5
Closiriaium sp 516519	decreased			
Eubacterium eligens	decreased			6
Eubacterium hallii	decreased			7
Eubacterium rectale	decreased			6
Faecalibacterium	decreased			8
prausnitzii				
Roseburia hominis	decreased			9,10
Ruminococcus	decreased			2
bicirculans				
Previous Associations v		<u>s Disease</u>	T	
Bacteroides fragilis	increased		increased	11
Eubacterium hallii	decreased		decreased	12
Eubacterium rectale	decreased		decreased	12
Klebsiella pneumonia	increased		increased	13-15
Odoribacter	increased		increased	16-18
splanchnicus				
<u>Inflammation</u>	Γ.	T	Τ	10
Bacteroides dorei	increased	Type 1 Diabetes	increased	19
Bacteroides vulgatus	increased	Autoimmune Diabetes/Autism	increased	20-22 19
Collinsella aerofaciens	increased	Rheumatoid Arthritis	increased	23
Desulfovibrio	increased	Irritable Bowel	increased	24,25
fairfieldensis		Disease/Obesity		
Roseburia hominis	decreased	Ulcerative Colitis	decreased	10
Other Neurological Dis	eases			
Adlercreutzia	decreased	Multiple Sclerosis	decreased	26
equolifaciens				
Clostridium sp SY8519	decreased	Parkinson's	decreased	27
Faecalibacterium	decreased	Parkinson's/ Irritable	decreased	10,27,28
prausnitzii		Bowel Disease		

<u>Pathogens</u>				
Bacteroides fragilis	increased	Multiple sites	increased	29
Desulfovibrio	increased	Bacteremia	increased	30
fairfieldensis				
Eggerthella lenta	increased	Intestinal Infections	increased	31